

METHODS AND APPARATUS FOR SIMULATION SPEEDUP

ABSTRACT OF THE DISCLOSURE

Apparatus and methods for improving the speed of computational simulations are disclosed. In one embodiment, a method of performing a numerical simulation includes programming a programmable device using function blocks adapted to perform a respective part of the numerical simulation. Input data are received, and a first portion of the numerical simulation is performed on a standard computer processor. A data path is provided between the processor and the programmable device. A second portion of the numerical simulation is performed on the programmable device, and data from at least one of the first and second portions are exchanged via the data path.



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